IN THE CLAIMS:

Please amend claims 5-6, 8-9, 18 and 22-23 to read as follows:

a1

5. (amended) The method of claim 1, further comprising establishing said mismatch in dependency of frequency of said acoustical input signal.

6. (amended) The method of claim 1, further comprising time-delaying one of said first and of said second signals before performing said co-processing.

a2

8. (amended) The method of claim 1, further comprising performing time-domain to frequency-domain conversion of said first and second electrical signals before performing said co-processing.

9. (amended) The method of claim 1, further comprising performing tie-domain to frequency-domain conversion of said first and second electrical signals, generating for subsequent time frames of said converting and for at least a part of the frequencies of said conversion a complex mismatch control signal, thereby adjusting mutual phasing of said first and second signals and performing said mismatch by said complex mismatch control signal.

a3

18. (amended) The system of one of claims 14 to 16, further comprising time-domain to frequency-domain conversion units interconnected between said outputs of said at least two converters and said co-processing unit, said mismatch unit being provided between an output of at least one of said time-domain to frequency-domain conversion units and at least one input of said co-processing unit.

a4

22. (amended) The method of claim 1, wherein said acoustical to electrical converters are microphones of a hearing aid apparatus.

23. (amended) The system of claim 13, wherein said acoustical to electrical converters are integrated in a hearing apparatus.